CLAIMS

1. A liquid crystal display panel sealing apparatus, comprising:

a cassette for accommodating a plurality of laminated liquid crystal display panels into which liquid crystal is injected; and

a pressurizing unit for accommodating said cassette, said pressurizing unit comprising a plurality of pressurizing actuators for pressurizing said liquid crystal display panels.

2. The apparatus as set forth in claim 1, wherein said cassette comprises a guide unit for guiding said liquid crystal display panels in accordance with a size of said liquid crystal display panels.

3. The apparatus as set forth in claim 1, wherein said cassette comprises:

a pedestal;

an X-direction positioning block provided on said pedestal;

a Y-direction positioning block provided on said pedestal; and

screws for adjusting said X-direction positioning block and said Y-direction positioning block.

4. The apparatus as set forth in claim 1, wherein said pressurizing actuators are dispersed radially.

5. The apparatus as set forth in claim 1, wherein said pressurizing unit further comprises a plurality of pressure sensors, each corresponding to one of said pressurizing actuators, so that said pressurizing actuators are individually driven by output signals of said pressure sensors.

6. The apparatus as set forth in claim 1, further comprising:

a wiping unit for wiping up liquid crystal spilled from said liquid crystal display panels while said pressurizing unit is being operated;

a seal material coating unit for coating seal material on liquid crystal injection openings of said liquid crystal display panels;

an ultraviolet irradiation unit for irradiating said seal material with ultraviolet rays; and

a carrier unit for carrying said pressurizing unit among said wiping unit, said seal material coating unit and said ultraviolet irradiation unit.

7. A method for sealing liquid crystal display panels, comprising:

adjusting a cassette to be adapted to a size of said liquid crystal display panels;

loading said liquid crystal display panels in said cassette;

loading said cassette in a pressurizing unit having a plurality of pressurizing actuators; and

individually driving said pressurizing actuators to pressurize said liquid crystal display panels, so that a pressure within each of said liquid crystal display panels is made uniform.

8. The method as set forth in claim 7, wherein said individual pressurizing actuator driving step carries out a feedback control operation using pressure signals of pressure sensors each provided for one of said pressurizing actuators.